

DRAFT - FOR DISCUSSION ONLY

April 26, 1999 - Draft VOC Limits

Accounting for Minimum Dilution Ratios

		Current VOC Limits and Status				New VOC Limits and Status All Limits Effective on 12/31/2002				Adjusted for Market Coverage		
Cat. Code	Product Category Name	Current VOC Limit (Wt. %)	Current Effective Date	Range of VOC Content	Sales Weighted Average VOC%	New Proposed VOC Limit (% by wt.)	Complying Marketshare (%)	# Complying Products/ Total # of Products	Complying Products (%)	Emission Reductions (%)	1997 Emission Reductions in CA / Total Emissions in CA. (tons/day)	2010 Emission Reductions in S.C. / Total Emissions in S.C. (tons/day)
1103	Carpet and Tile Adhesives			0-60%	8 %	2	tbd	tbd	tbd	tbd	tbd / 4.80	tbd / 2.55
1104	Construction and Panel Adhesives	40	1/1/95	0-50%	18 %	5*	tbd	tbd	tbd	tbd	tbd / 6.06	tbd / 3.21
1105	Contact Adhesive	80	1/1/95	0-85%	48 %	10*	tbd	tbd	tbd	tbd	tbd / 6.58	tbd / 3.49
1108	Pipe Cements and Primers			0-100%	66 %	50*	tbd	tbd	tbd	tbd	tbd / 0.88	tbd / 0.47
1201	Sealant and Caulking Compounds			0-60%	4 %	2*	tbd	tbd	tbd	tbd	tbd / 2.61	tbd / 1.38
2202	Automotive Brake Cleaners (non-Aerosols)	50	1/1/97	0-100%	49 %	40	28 %	11 / 36	31 %	13 %	0.04 / 0.31	0.02 / 0.16
	Automotive Brake Cleaners (Aerosols)	50	1/1/97	0-100%	37 %	40	46 %	32 / 82	39 %	13 %	0.68 / 5.26	0.36 / 2.79
2203	Carburetor, Choke Cleaners (non-Aerosols)	75	1/1/95	25-100%	43 %	40	>50 %	1 / 11	9 %	27 %	0.06 / 0.22	0.03 / 0.12
	Carburetor, Choke Cleaners (Aerosols)	75	1/1/95	25-100%	68 %	40	5 %	4 / 61	7 %	42 %	2.60 / 6.25	1.38 / 3.31
2204	Engine Degreasers	50	1/1/96	0-60%	19 %	20	61 %	27 / 72	38 %	50 %	1.10 / 2.22	0.58 / 1.18
2205	Solvent Parts Cleaners (Aerosols)			0-100%	97 %	40	<10 %	2 / 12	17 %	59 %	0.43 / 0.73	0.23 / 0.39
2206	Tire Sealants and Inflators			0-45%	21 %	15	50 %	7 / 17	41 %	48 %	0.43 / 0.89	0.23 / 0.47
2208	Auto Windshield Washer Fluids	10 / 35	1/1/93	0-100%	16 %	3**	tbd	tbd	tbd	tbd	2.9 / 7.90	1.54 / 4.19
4302	Flying Insect Insecticide (non-Aerosols)	35	1/1/95	0-10%	0.4 %	10	100 %	14 / 17	82 %	50 %	0.01 / 0.02	0.01 / 0.01
	Flying Insect Insecticide (Aerosols)	35	1/1/95	5-45%	30 %	10	<10 %	1 / 43	2 %	67 %	0.40 / 0.60	0.21 / 0.32
4304	Lawn and Garden Insecticides (Aerosols)	20	1/1/95	15-20%	19 %	3	0 %	0 / 4	0 %	75 %	0.03 / 0.04	0.02 / 0.02
	Lawn and Garden Insecticides (non-Aerosols)	20	1/1/95	0-70%	1 %	3	98 %	138 / 157	88 %	46 %	0.86 / 1.89	0.46 / 1.00
4305	Crawling Bug Insecticides (Aerosols)	20	1/1/98	0-40%	28 %	5	5 %	6 / 64	9 %	44 %	1.68 / 3.81	0.89 / 2.02

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	Crawling Bug Insecticides (non-Aerosols)	20	1/1/98	0-10%	0.3 %	5	100 %	77 / 81	95 %	0 %	0.00 / 0.10	0.00 / 0.05
4306	Insecticide Foggers	45	1/1/95	20-45%	39 %	30	2 %	7 / 38	18 %	24 %	0.23 / 0.95	0.12 / 0.50
4401	Insect Repellants (non-Aerosols)			0-95%	39 %	45	63 %	27 / 32	84 %	3 %	0.08 / 2.46	0.04 / 1.30
	Insect Repellants (Aerosols)	65	1/1/94	30-65%	55 %	45	<10 %	2 / 21	10 %	21 %	0.06 / 0.28	0.03 / 0.15
5202	General Purpose Cleaners (Aerosols)	10	1/1/94	0-10%	9 %	5	<10 %	3 / 39	8 %	50 %	0.07 / 0.14	0.04 / 0.07
	General Purpose Cleaners - RTU (Dilutes)	10	1/1/94	0-10%	1 (0.01) %	2	86 (99.9) %	464 / 558	83 %	23 %	1.85 / 7.89	0.98 / 4.18
5203	General Purp. Degreasers (Aerosols)	50	1/1/01	0-100%	84 %	40	13 %	12 / 32	38 %	14 %	0.04 / 0.28	0.02 / 0.15
	General Purp. Degreasers - RTU (Dilutes)	10	1/1/01	0-100%	22 (0.5) %	2	27 (95) %	182 / 294	62 %	19 %	0.38 / 2.05	0.20 / 1.09
5204	Glass Cleaners - RTU (Dilutes)	6	1/1/96	0-10%	4 (3) %	2	4 (45) %	52 / 179	29 %	52 %	1.70 / 3.28	0.90 / 1.74
5208	Tub, Tile and Sink Cleaners (Aerosols)	7	1/1/94	5-10%	7 %	5	<10 %	3 / 11	27 %	22 %	0.11 / 0.50	0.06 / 0.27
5402	Flexible Floor Wax/Polish - RTU (Dilutes)	7	1/1/94	0-10%	4 (0.03) %	2	18 (100) %	47 / 216	22 %	59 %	0.79 / 1.34	0.42 / 0.71
5404	Wood Floor Wax/Polish	90	1/1/94	0-90%	54 %	65	41 %	26 / 45	58 %	25 %	0.18 / 0.73	0.10 / 0.39
5405	Furniture Waxes and Polishes (Aerosols)	25	1/1/94	4-30%	14 %	10	7 %	10 / 49	20 %	33 %	0.45 / 1.38	0.24 / 0.73
5406	Shoe Care Products (non-Aerosols)			0-95%	23 %	25	66 %	57 / 176	32 %	56 %	0.14 / 0.25	0.07 / 0.13
	Shoe Care Products (Aerosols)			15-100%	87 %	25	<10 %	3 / 12	25 %	74 %	0.32 / 0.43	0.17 / 0.23
5602	Single/Dual Phase Aerosol Air Fresh.	30	1993/1996	15-100%	30 %	20	<10 %	3 / 137	2 %	34 %	1.55 / 4.61	0.82 / 2.45
6402	Hair Mousses	16	1/1/94	0-55%	9 %	6	27 %	38 / 131	29 %	43 %	0.33 / 0.76	0.18 / 0.40
6503	Nail Polish Removers	75	1/1/96	0-85%	21 %	5*	70 %	31 / 53	58 %	94 %	0.31 / 0.33	0.16 / 0.18

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6603	Shaving Gels			0-10%	6 %	3	<10 %	2 / 9	22 %	48 %	0.29 / 0.61	0.15 / 0.32
Total Reductions / Emissions											20.10 / 79.44	10.66 / 42.13

* May require subcategorization

** For non-Type A areas

RTU = Ready To Use Products - The dilutable average VOC content and complying marketshare are shown in parenthesis.

Bold = Standard changed or category added since previous workshop